

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**



In re application of: EBNER et al.

Application Serial No.: to be assigned

Art Unit: to be assigned

Filed: Herewith

Examiner: to be assigned

For: INTERLEUKINS-21 AND 22

Attorney Docket No.: PF470P1

**STATEMENT UNDER 37 C.F.R. 1.821(f)**

Assistant Commissioner For Patents  
Washington, D.C. 20231

Sir:

Applicants hereby certify that the enclosed hard copy of the sequence listing and the computer-readable form of such sequence listing are identical.

Respectfully submitted,

Dated: December 8, 2000

  
\_\_\_\_\_  
Joseph J. Kenny (Reg. No. 43,710)  
Agent for Applicants

**Human Genome Sciences, Inc.**  
9410 Key West Avenue  
Rockville, Maryland 20850  
Telephone: 301-610-5800

KKH/JJK/lcc  
Enclosure

12/08/00  
156772 U.S. PTO

882 U.S. PTO  
09/731616  
12/08/00

Please type a sign (+) inside this box + PTO/SB/05 (08-00)

Approved for use through 10/31/2002. OMB 0651-0047  
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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. PF470P1	
First Inventor	EBNER, et al.
Title	Interleukins-21 and 22
Express Mail Label No.	

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

- ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original, and a duplicate for fee processing)
- ☐ Applicant claims small entity status.  
See 37 CFR 1.27.
- ☒ Specification [Total Pages 195]  
(preferred arrangement set forth below)
  - Descriptive title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
- ☒ Formal Drawing(s) (35 U.S.C. 113) (Figs. 1-9)  
[Total Sheets 13]
- ☒ Oath or Declaration [Total Pages 2]
  - ☒ Unexecuted (original or copy)
  - ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)
  - ☐ DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
- ☐ Application Data Sheet. See 37 CFR 1.76.

- ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
- ☒ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - ☒ Computer Readable Form (CRF)
  - ☒ Specification Sequence Listing on:
    - ☐ CD-ROM or CD-R (2 copies); or
    - ☒ paper (22 pages)
  - ☒ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

- ☐ Assignment Papers (cover sheet and document(s))
- ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney
- ☐ English Translation Document (if applicable)
- ☐ Information Disclosure Statement/ Form PTO/SB/08  
☐ Copies of Citations
- ☐ Preliminary Amendment
- ☒ Return Receipt Postcard (MPEP 503)  
(should be specifically itemized)
- ☐ Certified copy of Priority Document(s)  
(if foreign priority is claimed)
- ☐ Other:

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☒ Continuation-in-Part (CIP) of prior application No: 60/169,837, filed December 9, 1999  
Prior application information: Examiner r Group/Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 18. CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label 22195 or ☐ Correspondence address below

NAME				
ADDRESS				
CITY	STATE	ZIP CODE		
COUNTRY	TELEPHONE	FAX		
NAME (Print/Type)	Joseph J. Kenny	Registration No. (Attorney/Agent)	43,710	
SIGNATURE	Joseph J. Kenny		Date	12/08/00

Statement: this form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Box Patent Application, Washington, DC 20231.

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number		To be assigned	
Filing Date		December 8, 2000	
First Named Inventor		EBNER, et al	
Examiner Name		To be assigned	
Group Art Unit		To be assigned	
Total amount of payment	(\$ 1,952.00)	Attorney Docket Number	PF470P1

## METHOD OF PAYMENT (CHECK ONE)

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to:
- Deposit Account Number **08-3425**
- Deposit Account Name **Human Genome Sciences, Inc.**
- ☒ Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17
- ☐ Applicant claims small entity status See 37 CFR 1.27

- ☐ Payment Enclosed:
- ☐ Check ☐ Credit Card ☐ Money Order ☐ Other\*
- Charge any deficiencies or credit any overpayments in the fees or fee calculations of Parts 1, 2 and 3 below to Deposit Account No. 08-3425

## FEE CALCULATION

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
101	710	201	355	Utility filing fee	\$710.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
Subtotal (1)					\$ 710.00

## 2. EXTRA CLAIM FEES

	Total claims	Extra	Fee from below	Fee Paid
	49	- 20**	29	\$522.00
Indep. claims	12	- 3**	9	\$720.00
Multiple Dependent				\$ 0.00

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple dependent claim
108	80	209	40	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

Subtotal (2) (\$ 1,242.00)

## Submitted By

Name (Print/Type) Joseph J. Kenny

Signature: *Joseph J. Kenny*

## 3. ADDITIONAL FEES

Large Entity Fee Code	Large Entity Fee (\$)	Small Entity Fee Code	Small Entity Fee (\$)	Fee Description	Fee Paid
105	130	205	65	Surcharge - late provisional filing fee or cover sheet	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920	112	920	Requesting publication of SIR prior to Examiner action	
113	1,840	113	1,840	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive -unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or reissue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	240	126	240	Submission of Information Disclosure Statement	
581	40	481	40	Recording each patent assignment per property (times number of properties)	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	190	169	900	Request for expedited examination of a design application	

Other fee (specify):

Other fee (specify):

\*Reduced by Basic Filing Fee Paid

Subtotal (3)

\$

Complete (if applicable)

Registration No.: 43,710

Telephone 301-610-5800

Date 12/08/00

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